

Experiment Number: A92682

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: N-Methylolacrylamide

CAS Number: 924-42-5

Date Report Requested: 09/21/2018

Time Report Requested: 11:14:10

**NTP Study Number:**

A92682

**Study Duration:**

31 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 31; Time interval between final treatment and cell sampling: 31 h

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<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	1.60 ± 0.43	
42.0	5	2.40 ± 0.29	0.1027
84.0	5	2.30 ± 0.25	0.1309
168.0	5	2.20 ± 0.73	0.1650
Trend p-Value		0.2490	
Positive Control <sup>2</sup>	5	16.70 ± 1.71	< 0.001 *

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Trial Summary: Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 31; Time interval between final treatment and cell sampling: 16 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	2.60 ± 0.48		60.80 ± 2.76
42.0	5	3.30 ± 0.58	0.2873	57.70 ± 2.74
84.0	5	3.30 ± 1.08	0.2873	62.00 ± 2.49
168.0	5	3.00 ± 1.23	0.3710	57.20 ± 3.84
Trend p-Value		0.4180		
Positive Control <sup>2</sup>	5	40.60 ± 3.31	< 0.001 *	60.90 ± 0.99

Trial Summary: Negative

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#### LEGEND

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MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean  $\pm$  Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at  $p = 0.025/\text{number of treatment groups}$ ; positive control value is significant at  $p = 0.05$

Cochran-Armitage trend test, significant at  $p = 0.025$

\* Statistically significant pairwise or trend test

1: Vehicle Control: Water

2: 466.7 mg/kg Urne

**\*\* END OF REPORT \*\***